



Central Electric Power Cooperative
Electric Generation and Emissions in 2011

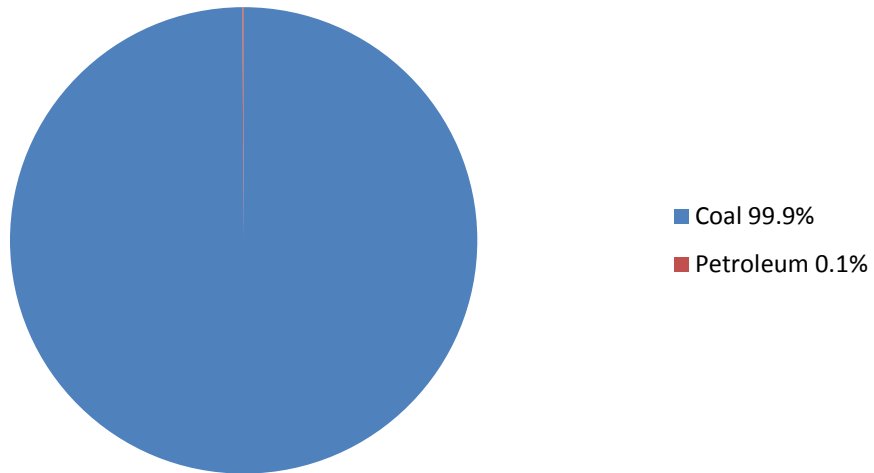
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal	4,843,543	99.9%	99.9%	423,975	99.9%	99.9%
Natural Gas						
Petroleum	4,066	0.1%	0.1%	355	0.1%	0.1%
Nuclear						
Other						
Non-renewable total	4,847,609	100.0%	100.0%	424,330	100.0%	100.0%
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	4,847,609		100.0%	424,330		100.0%

Fuel Type	Physical Units	Number of Units
Anthracite Coal and Bituminous Coal	Short Tons	29,712
Sub-bituminous Coal	Short Tons	248,614
Distillate Fuel Oil	Barrels	708



Net Generation by Fuel Type, 2011 for Central Electric Power Cooperative





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Power Plant Nameplate information for Central Electric Power Cooperative

Plant Name	County Location	Nameplate Capacity (MW)
<i>Central Electric Power Cooperative</i>		236.0
Chamois	Osage	236.0



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Emissions from Electricity Generated in 2011: Central Electric Power Cooperative

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
<i>Central Electric Power Cooperative</i>	17,593,386	2,062,860	234,974	34,181
Chamois	17,593,386	2,062,860	234,974	34,181

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
<i>Central Electric Power Cooperative</i>	6,494	0.0000	0.0000
Chamois	6,494	0.0000	0.0000



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Identified Flue Gas Desulfurization (FGD) controls installed on plants operated by Central Electric Power Cooperative

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on plants operated by Central Electric Power Cooperative

Plant	Control Equipment
Chamois	Electrostatic precipitator, cold side, without flue gas conditioning

Notes:

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>